

App #: 10-762448

EAST SEARCH HISTORY**Databases:** US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

Ref#	Hits	Search Text
S1	2	10/762448
S2	1550	exif
S3	1465	(382/190).CCLS.
S5	27	((("20020018594") or ("6,584,221") or ("6,243,713") or ("1102180") or ("6,445,818") or ("20030123737") or ("20030018631") or ("20020181768") or ("20030039410")).PN.
S4	58	\$3block and "transform coefficient" and feature and color and edge and texture and image and color
S6	24	\$3block and "transform coefficient" and feature and color and edge and texture and image and type and scale and energy
S7	2	\$3block and "transform coefficient" and feature and color and edge and (texture same (type and scale and energy)) and image
S17	8	S16 and edge and texture
S8	87	(texture same (type and scale and energy)) and image
S18	10	exif and "transform coefficient"
S9	36	(texture same (type and scale and energy)) and image and \$3block
S22	0	S19 and \$3block and "transform coefficient"
S10	22	S9 and edge
S25	18	S24 and @pd<"20040122"
S11	2	(texture same (type and scale and energy)) and image and exif
S12	1	S4 and exif
S13	10	\$3block and "transform coefficient" and exif
S14	98	search and (archive or collection or repository) and images and color and \$3block and "transform coefficient"
S15	89	S14 and (feature or metadata or characteristic)
S16	49	S15 and @pd<"20040122"
S19	9	(US-20030123737-\$ or US-20030039410-\$ or US-20030018631-\$ or US-20020181768-\$ or US-20020018594-\$).did. or (US-6584221-\$ or US-6445818-\$ or US-6243713-\$).did. or (EP-1102180-\$).did.
S20	0	S19 and exif
S21	3	S19 and \$3block and edge and texture
S23	0	S19 and \$3block and dct
S24	23	transform coefficient near (metadata or feature or tag or characteristic)
S28	7	((("2002018594") or ("6584221") or ("6243713")).PN.
S26	66	transform coefficient and thumbnail
S27	18	S26 and (dct or \$3block) and color and edge and texture
S29	1	transform coefficient same (color and edge and texture)
S31	87	transform coefficient and dct and color and edge and texture
S32	34	S31 and @pd<"20040122"
S33	59	transform coefficient and ((collection or archive or classifi\$6) near image) and (feature or tag or metadata or value or characteristic) and (edge or type or energy or scale or texture)
S34	30	S33 and @pd<"20040122"
S35	17	("4179709" "4263616" "4603353" "4734767" "4780761" "4931869" "5014119").PN. OR ("5161015").URPN.

S37	220	texture scale
S38	1	S36 and S37
S36	51	texture energy
S30	40	transform coefficient same (texture)
S40	2	S36 and "transform coefficient"
S41	1	10/539770
S42	2	("5,128,757").PN.
S43	2	("5,113,256").PN.
S44	1	S37 and "transform coefficient"
S45	141	S37 and "digital image"
S46	35	S45 and @pd<"20040122"
S39	1	texture near (energy and scale).
S47	74	S37 and @pd<"20040122"
S48	0	scale of coefficients and dct and block
S49	202	(coefficients near "dct block")
S50	6	(coefficients near "dct block") same threshold
S51	45	((coefficients near dct near block) same threshold) not S50
S52	0	((coefficients same dct same block same dominating) same threshold) not S50
S53	1	((coefficients same dct same block same dominating) same threshold)
S54	4	((coefficients same dct same block same dominat\$4) same threshold)
S55	4	(coefficients same block same dominat\$4 same threshold) and dct
S57	1	("total energy" same "dct block")
S58	13	("total energy" same block same dct)
S59	18	("total energy" same block same coefficients) and dct
S60	659	(energy same block same coefficients same dct)
S56	159	(coefficients same block same (dominat\$4 or control\$4 or most or highest) same threshold) and dct
S85	159	S84 and @pd<"20040122"
S63	87	S62 and @pd<"20040122"
S61	0	dct block near diagonal
S62	147	(block same diagonal same coefficients) and dct
S64	0	dct block near "scan line"
S65	86	dct block and "scan line"
S66	6	dct block same "scan line"
S67	0	dct block and "each scan line"
S70	0	dct and block and ((zigzag or "zig zag") same coefficients)
S72	0	dct and block and ((zigzag or "zig zag") near coefficients near (add\$3 or sum\$4))
S71	301	dct and block and ((zigzag or "zig zag") near coefficients)
S68	0	dct and block and ("scan line" near coefficients)
S69	22	dct and block and ("scan line" same coefficients)
S74	15	(US-20020028021-\$ or US-20020105541-\$ or US-20030081676-\$ or US-20040057619-\$ or US-20030198293-\$).did. or (US-6584221-\$ or US-6243713-\$ or US-5892847-\$ or US-4774574-\$ or US-6144763-\$ or US-5161015-\$ or US-5128757-\$ or US-5113256-\$ or US-5420638-\$).did. or (EP-1102180-\$).did.
S73	28	S71 and texture
S75	2	S74 and thumbnail
S76	0	cb color histogram
S77	8	cb histogram
S78	0	histogram and ("primary color" same partition\$4 same image) and RGB
S79	3	histogram and ("primary color" same partition\$4 same image) and RGB
S80	53	histogram and ("primary color" same separat\$4 same image) and RGB
S81	2	S80 and dct

S82	4	S74 and (RGB or "primary color")
S86	1	r histogram and RGB and (separat\$5 or partition\$3) and (image near retriev\$4)
S83	8	("20010053249" "5675506" "5751286" "5767978" "5987456" "5995115" "6253201" "6363381").PN.
S84	314	histogram and RGB and (separat\$5 or partition\$3) and (image near retriev\$4)
S88	1	RGB and (separate adj3 histograms) and (image near retriev\$4)
S87	29	(histogram same RGB same (separat\$5 or partition\$3)) and (image near retriev\$4)
S92	0	RGB and ((red and green and blue) near histogram) and (image near retriev\$4)
S94	0	("primary color" near histogram) and (image near retriev\$4)
S91	0	RGB and ((each adj2 color) near histogram) and (image near retriev\$4)
S90	128	RGB and (color near histograms) and (image near retriev\$4)
S89	0	RGB and ((R and G and B) near histograms) and (image near retriev\$4)
S95	1	("primary color" same histogram) and (image near retriev\$4)
S96	5	("three histograms") and (image near retriev\$4) and RGB
S93	0	RGB and ("primary color" near histogram) and (image near retriev\$4)
S97	0	("each channel" near histogram) and (image near retriev\$4) and RGB
S98	6	(three near histogram) and (image near retriev\$4) and RGB
S99	108	(three same histogram) and (image near retriev\$4) and RGB
S100	0	("three separate" same histogram) and (image near retriev\$4) and RGB
S101	3	("primary colors" same histogram) and (image near retriev\$4)
S102	0	("edge feature" near histogram)
S103	401	(edge near histogram)
S104	42	S103 and (image near retriev\$4)
S111	3	triangle same dct same coefficients same block
S105	1	dominat\$4 same (coefficients near "dct block")
S128	7	S121 and (three adj2 (colors or channels))
S130	4	((("5,128,757") or ("5,113,256"))).PN.
S125	5	edge histogram same channel
S132	17	(CHEN adj JAU-YUEN)
S133	14390	SEIKO EPSON.asnm.
S115	0	half near ((zigzag or "zig zag") adj2 sequence)
S127	2	("5,805,733").PN.
S124	0	edge histogram same "primary color"
S116	333	((zigzag or "zig zag") adj2 sequence)
S129	26	texture adj histogram
S107	0	triangle same (coefficients near block) same dct
S126	38	edge histogram same color
S106	0	triangle same (coefficients near "dct block")
S112	1017	(zigzag or "zig zag") same dct same coefficients same block
S123	0	edge histogram same "each color"
S113	1	(zigzag or "zig zag") same dct same coefficients same block same half same sequence
S119	11	(texture adj2 scal\$4) and dct and block and coefficients
S114	0	first half near ((zigzag or "zig zag") adj2 sequence)
S117	0	S116 and "texture scale"
S131	0	CHEN adj JAU-YUEN
S134	14404	S133 or S132
S135	2	S134 and (texture and coefficients and block).clm.
S121	225	edge histogram
S122	38	S121 and RGB
S110	19	dominat\$4 same dct same coefficients same block
S109	0	dominat\$4 same dct same (coefficients near block)
S108	0	dominat\$4 same (coefficients near block) same dct

S120	7	S119 not S118
S118	4	(texture adj scal\$4) and dct and block and coefficients

App #: 10-762448

GOOGLE SCHOLAR SEARCH

"texture scale" transform image
"texture scale" transform
"texture scale" "transform coefficient"
"texture scale"
dct coefficient image "texture scale "
coefficient image "texture scale"
image "texture scale" block
image "texture scale" block -patent coefficient
image "texture energy" block -patent coefficient
"texture scale"
coefficients "dct block" "total energy " -patent
coefficients "dct block" scale -patent
zig-zag dct "scan line" coefficients texture -patent
"edge histogram" rgb dct color